

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

LC-061873-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cotton Draw Unit

9. WELL NO.

64

10. FIELD AND POOL, OR WILDCAT

Rank Wildcat - Devonian

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 18, T25S-R32E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Texaco Inc.

3. ADDRESS OF OPERATOR

P.O. Box 3109, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

660' FNL & 1652' FWL, Sec. 18

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

21 miles Southeast of Malaga, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

35,144.36

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

10,625'

19. PROPOSED DEPTH

17,500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Not Available

22. APPROX. DATE WORK WILL START*

At once

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	800'	1600* Cement will be circu-
17 1/2"	13 3/8"	54.5#, 61#, 68#, 72#	4425'	4800** lated on all casing
12 1/4"	10 3/4"	53.5#	12900'	3900*** string. A caliper will
8 3/8"	7 5/8" liner	39#	12000'-16100'	800**** be run & 25% excess
6 1/2"	5" liner	18#	15500'-17500'	500***** cement will be used.
Set tie-back from	7"	26#	0'-12000'	1200*****
0 to 15500'	5 1/2"	20#	12000'-15500'	

*Cement w/1200 sx class "C", 8% gel followed by 400 sx Class "C" neat. Exact volume fm caliper survey. Use 20% excess. **Cement w/4200 sx TLW 12.44#/gal 95% wtr followed by 600 sx class "C" neat. Set DV tools at 7500' & 4000'. ***Cement with 900 sx TLW 12.2#/gal w/1/4# Flocele & Retarder & FL additive + 1000 sx Trinity Inferno 16.47#/gal; 1000 sx TLW 12.2#/gal w/1/4# Flocele & FL additive; 1000 sx TLW 12.44#/gal 95% wtr. ****Cement with 800 sx Trinity Inferno 16.25#/gal (vol. from Caliper) 25% excess. *****Cement with 500 sx Trinity Inferno 16.25#/gal. *****Cement w/900 sx Class "C" 4% gel followed by 300 sx Trinity Inferno. COMPLETION PROGRAM: Selectively perf. after analysis of bottom hole conditions.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

T. G. Landwermeyer

TITLE Civil Engineer

DATE 9/13/65

(This space for Federal or State office use)

APPROVED

PERMIT NO.

APPROVAL DATE SEP 15 1965

APPROVED BY

TITLE

FORMATION TOPS EXPECTED

J. L. GORDON

DATE

CONDITIONS OF APPROVAL, IF ANY:

Delaware Sand
Cherry Canyon
Bone Spring4450'
5350'
8350'Dean Wolfcamp
Strawn
Morrow Clastic11,350'
13,690'
14,900'Lower Miss.
Devonian
Total Depth16,100'
16,490'
19,500'

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

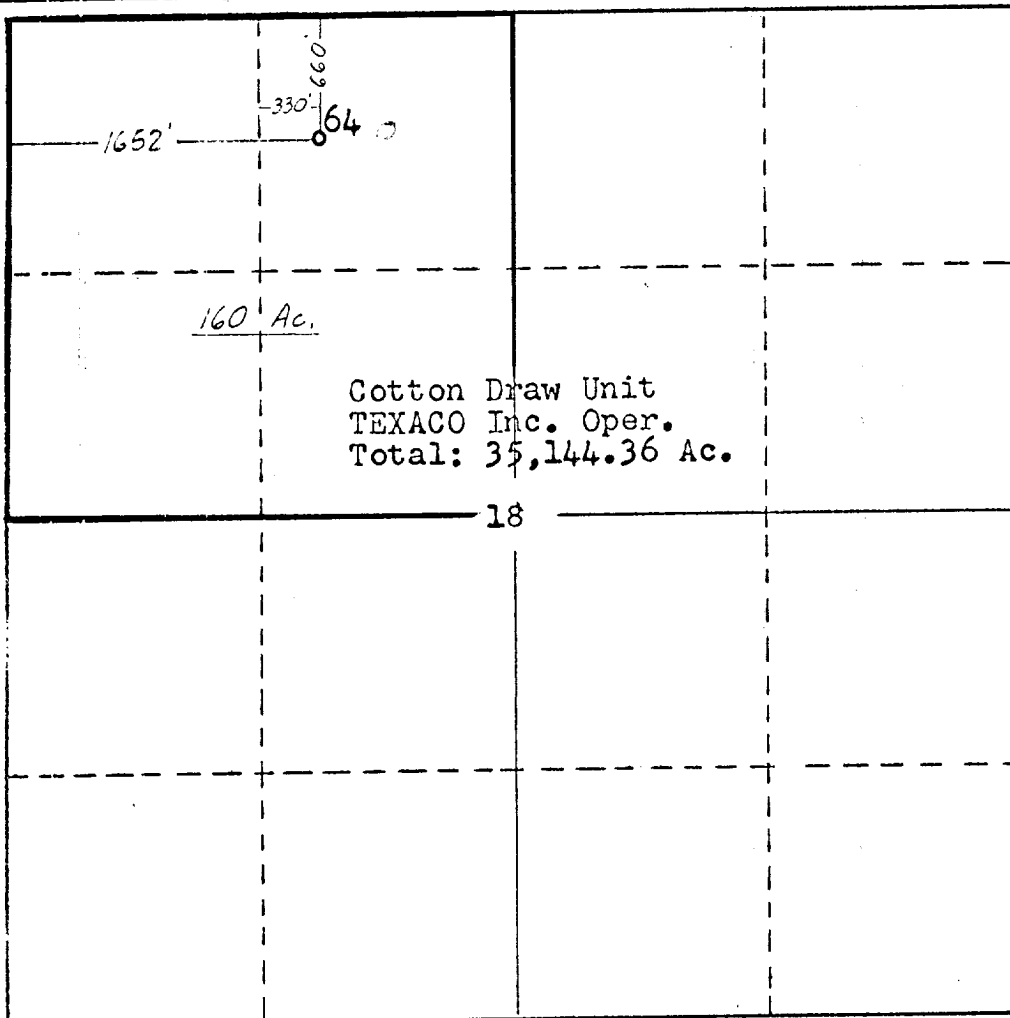
Operator TEXACO Inc.			Lease Cotton Draw Unit		Well No. 64
Unit Letter C	Section 18	Township 25 S	Range 32 E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 1652 feet from the West line Sec. 18					
Ground Level Elev. Not Available	Producing Formation Devonian	Pool Wildcat		Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?.

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization & Development Agreement

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
T. G. Landwermeyer
Position
Civil Engineer
Company
TEXACO Inc.

Date
9/13/65

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
9/12/65
Registered Professional Engineer and/or Land Surveyor

T. G. Landwermeyer

Certificate No.
17617

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0